



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBE105-13221W1-7
Job Sheet 203721



Part No: RBE105-13221W1-7

Job Qty: 4 pcs

Part Name: Pin



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/26/19

Job Tracking No:

Due Date: 1/17/20

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBE105-13221W1 Rev.1 IPP Rev. A 19.11.20 New issue DP Verify DD
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	SL-154-1 CONV-LAME	4 pcs	1/17/20	1/17/20	1.00	0.67	SL-154-1 CONV-LAME	# 11/21/19
110	QC 2	4 pcs	1/17/20	1/17/20	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	
							QC 2 - 65	



DART Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S242284



Part: RBE105-13221W1-7

Job No: 203721

Serial No/Batch: S242284

Revision: 1

Inspector:

Exp Date:

Instructions:

Date: 12/19/19

120 QC 8	4 pcs	1/17/20	0.00 0.00	QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
130 Outsource - 13 - Zinc Plating	4 pcs	1/17/20		GRO002-VC	
140 Packaging 2-1 - Recelve - B4B	4 pcs	1/17/20	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
150 QC 6	4 pcs	1/17/20	0.00 0.00	QC 6 - 9	

				QC 6 - 68	JAN 0 9 2020	68
				QC 6 - 61		9-89
				QC 6 - 40		
				QC 6 - 81		
160 Packaging 3-1 - Stock - B4B	4 pcs	1/17/20	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		
				Packaging 3 - 21 - B4B		
				Packaging 3 - 22 - B4B		
				Packaging 3 - 23 - B4B		
				Packaging 3 - 24 - B4B		
				Packaging 3 - 25 - B4B		
				Packaging 3 - 26 - B4B		
170 QC 21 - SA	4 pcs	1/17/20	0.00 0.00	QC 21 - SA - 21		
				QC 21 - SA - 70	JAN 1 0 2020	

Part Op 100 - 1-Machine as per folio ED FOLIO REV: 1 DWG REV: 1 2-Deburr 3-Apply LPS-
Descriptions: 3 to ALL steel parts
110 - QC2- Inspect parts off machine FAI/FAIB
120 - QC8- Inspect parts - second check
130 - -Issue P/O : 45481 -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 1018 -Certificate of
Conformity is required
140 - Certificate of Conformity is required
150 - QC6- All purchased or subcontracted products
160 - Identify as per dwg & Stock Location:
170 - QC21- Final Inspection - Work Order Release

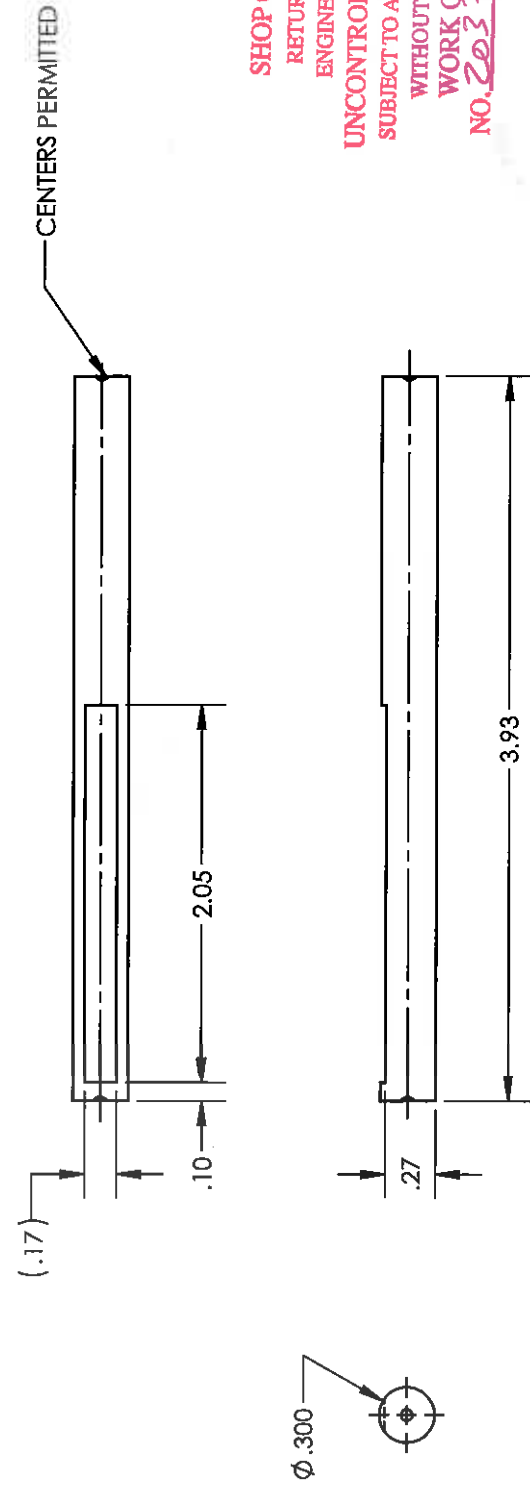
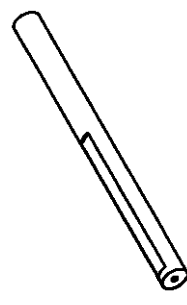
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M1018R0.375	1010-1025 Round Bar .375	.1640 ft (.041 ea) 0,3385	100-SL-154-1 CONV-LAB-1	S 039965

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-SL-154-1 CONV-LAB-1 DAS	M1018R0.375	0	9	0

Part Specifications				
Specifications could not be found.				

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



SHOP COPY
RETURN TO
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 203721 M.C.S.
97-1-26



MOUNTING TOOL KIT

DWG NO.	RBE105-13221W1-7		REV	1
MAT'L	1018/1020 CR		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT			DIMENSIONS ARE IN INCHES	
FINISH	ZINC PLATE		FRACTIONS $\pm .10$	
SPEC	ASTM B633 TYPE I SC 2		ANGLES $\pm .5^\circ$	
DRAWN BY:	CLOUGH		SURFACES = 125	
CHECKED:	DUERFELD		1. BREAK ALL SHARP EDGES	
OPPS APPR:	ANDERSON		2. DIMENSIONAL LIMITS APPLY	
QA APPR:	LINDSAY		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
APPROVED:	LINDSAY		USED ON MODEL	
SCALE	1:1	DATE	EC145	
		12/22/2015	SHEET 5 OF 6	

7 PIN

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION ☐ Rework ☐ Scrap ☐ Use-as-is		DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)			
Description Work Order Deviation		Disposition					
Root Cause ☐ Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors		FAULT CATEGORY Pressure/Forced Bending Crushing Cracks Crimp/Kink/Ripple/Wave/Twist Marks/Chatter Mislabeled Contamination Misaligned/off center BOM/Route Broken/Damage/Defect Incomplete/Unclear Instructions Drill Holes Fit/Function Power Loss/Surge Folio/Program Grain Direction Weld Wrong Stock Pulled Out of Sequence Off-set/Set-up Positioned Wrong Outside Tolerance Drawing Finish Part Lost/Missing Misread				Completed By	
						Lead hand / Supervisor	
						QC / QA Coordinator	



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PURCHASE ORDER
POHB045481



Supplier: GRO002-VC Group Altech 2455 Halpern St Laurent QC H4S 1N9 Canada Phone: 514-335-3866 Fax: 514-335-3868	PO No: POHB045481 PO Date: 12/31/19 Due Date: 1/10/20 Purchase Order Revision: Revision Date: Ship-To Contact: Guerin, Kimberley Phone: 613-632-5200 Ext: 298 kguerin@dartaero.com
Attention: Grenon, Sylvie	Via: Ground Pymt Terms: Net 60 Freight Terms: Special Comments:
Ship To: 1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	

2020-01-06

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	203720	RBE105-13221W1-5	RBE105-13221W1 Rev 1	Pin -Issue P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Color Clear -Material type 1018 -Certificate of Conformity is required	Firmed	-	1/10/20	4 pcs	0 pcs	4 pcs	\$4.50/pcs	\$18.00
2	203721	RBE105-13221W1-7	RBE105-13221W1 Rev 1	Pin -Issue P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Color Clear -Material type 1018 -Certificate of Conformity is required	Firmed	-	1/10/20	4 pcs	0 pcs	4 pcs	\$4.50/pcs	\$18.00



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PURCHASE ORDER
POHB045481



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	203719	RBE105-13221W1-3	RBE105-13221W1 Rev 1	Spacer -Issue P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Color Clear -Material type 1018 -Certificate of Conformity is required	Firmed	-	1/10/20	6 pcs	0 pcs	6 pcs	\$4.50/pcs	\$27.00
4	203756	RBE117-68021W13-5	RBE117-68021W13 Rev 1	Hex Head Cap Screw -Issue P/O -Zinc plate, ASTM B633 TYPE 1 SC2 -Color Clear -Material type Bolt -Certificate of Conformity is required	Firmed	-	1/10/20	6 pcs	0 pcs	6 pcs	\$14.50/pcs	\$87.00
Grand Total:												\$150.00

Order Notes

- Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

[Handwritten signature]

Plex 1/6/20 9:33 AM Dart.Guerin.Kimberley

**Certificat de Conformité / Certificate of Compliance**
(025202-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupaltech.com

Bon de Livraison / Packing Slip
025202- 1

Livré à / Ship to

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courtier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
07-Jan-2020		SPARTAKOS BOUNTOURIS		POHB045481				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir / Back Order
1	RBE105-13221W1-5 Rev.	RBE105-13221W1-5 01-ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE 1 SC2	ZINC CH	4	4	0	0	0
2	RBE105-13221W1-7 Rev.	RBE105-13221W1-7 01-ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE 1 SC2	ZINC CH	4	4	0	0	0
3	RBE105-13221W1-3 Rev.	RBE105-13221W1-3 01-ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE 1 SC2	ZINC CH	6	6	0	0	0
4	RBE117-68021W13-5 Rev.	RBE117-68021W13-5 01-ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE 1 SC2	ZINC CH	6	6	0	0	0

RECEIVED
JAN 08 2020
DART AEROSPACE LTD.

DAS
68
9-89

Notes Additionnelles / Additional Notes

Épaisseur réelle
Actual ThicknessInspecteur Qualité
Quality InspectorRéçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.